



Docket No.: 02438/100H787-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mark Wurster

Application No.: 10/020,864

Confirmation No.: 9678

Filed: October 22, 2001

Art Unit: 3626

For: METHOD AND SYSTEM FOR
ADMINISTERING ANTICOAGULATION
THERAPY

Examiner: D. B. Cobanoglu

DECLARATION UNDER 37 C.F.R. § 1.131

Dear Sir:

Mark WURSTER being duly sworn, deposes and says:

1. I am the inventor of the patent application identified above and I am the inventor of the subject matter described and claimed therein.
2. Prior to January 11, 2000, the effective date of the Surwit et al. reference (U.S. Patent No. 6,980,958 - hereinafter "Surwit"), I completed my invention as described and claimed in the subject application in this country, a NAFTA country, or a WTO member country. My invention was conceived in full and due diligence was used to reduce it to practice, for example by filing this patent application. As evidence that my work antedates Surwit, I refer to screenshots of an embodiment of the invention, CoagClinic (hereinafter "CoagClinic"), attached hereto as Exhibit A that I created.

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Best Available Copy

CoagClinic is a commercial embodiment of the present invention. Dates and certain other proprietary disclosures, including patient's names, appearing in this document have been redacted. I declare that this document (Exhibit A) was created by me before January 11, 2000.

3. Additionally, as evidence that my work antedates Surwit I refer to the extracted Source Code, attached hereto as Exhibit B. The Source Code comprises at least 4 different sub-routines and 3 screen shots of forms, created prior to the effective date of Surwit and extracted from the original code. Dates and certain other proprietary disclosures appearing in this document have been redacted. I declare that this document (Exhibit B) was created by me before January 11, 2000.
4. Claims 1-39 are pending in my application. With respect to the subject matter of independent claims 1, 21, and 37, both CoagClinic and Source Code discloses a method for using an administration of anticoagulation medication system accessed via a computer terminal over a network. CoagClinic, Figure 1, illustrates receiving current information for each patient's visit. The patient data input/output screen shown in Figure 1, six lines from the top on the left hand side, illustrates the input areas for the patient's "Visit Date," "B/P" (blood pressure), "Weight," "Height," "Temperature," and "Pulse." Further, CoagClinic Figure 1 and Source Code, pages 1-12 show automatically calculating a new weekly dose medication regimen based on the received information. Figure 1, seven lines down on the left hand side,

illustrates the command button to calculate the medication dose (in this embodiment, Warfarin). Further, Source Code, pages 1-12, illustrates the subroutine to calculate a new daily/weekly medication dose based on the most recent medication dose.

5. Both CoagClinic and Source Code disclose that the information received and the new weekly dose medication regimen is based on at least one of a patient's current weekly anticoagulation medication dose, current international normalized ratio, and international normalized ratio. CoagClinic, Figure 1, seven lines down on the left hand side, shows the "I.N.R." (International Normalized Ratio) input/output box. Source Code, page 13, shows the subroutine to provide instructions regarding the medication dose and interval based on the I.N.R. Additionally, Source Code, Forms 1 and 3 (pages 14 & 16), the text boxes labeled "Total Dose" and "INR value" and fields below "SLSMHS Coagulation Clinic", respectively. These early descriptions provide the methods and structures of the presently claimed invention. These descriptions support claims 2, 3, 22, 23, 38, and 39.

6. CoagClinic, Figure 7 illustrates that the new weekly dose medication regimen is calculated based on an equation customizable by each user. Figure 7 illustrates, in the database embodiment, that the formula is a simple mathematical that can be edited by the user. This description support claims 4 and 24.

7. CoagClinic and Source Code show displaying standard medical guidelines in response to a user's request and the standard medical guidelines are published by American College of Chest Physicians. CoagClinic, Figure 5, illustrates four buttons on the right had side that provide information to the patient. Further, Source Code, Form 1 (page 14), illustrates text box with sample message starting "Based on the current INR result..." These descriptions support claims 5 and 6.
8. Claims 7, 8, 25, and 26 are supported by the below descriptions. CoagClinic and Source Code show converting the new weekly dose medication into daily doses based on a number of milligrams in a single pill and receiving from a user over the network a setting of a predetermined number of milligrams in a single pill as defined by the user. CoagClinic, Figure 2, ^hsecond set of input/output boxes, allow a user to convert the calculated dosage into pill dosages. Further, Source Code, Form 2 (page 15), illustrates text boxes "text1 ... text9" at the bottom of the form. The text boxes outline the anticoagulation guidelines.
9. Regarding where the anticoagulation medication is low molecular weight heparin, see CoagClinic, Figure 6, the entire page. This description support claims 9 and 27.
10. CoagClinic and Source Code disclose the subject matter for at least claims 10-18 and 28-34. The subject matter includes searching a database of patient records based on at least one of patient's last name, patient's first name, medical record number, social

security number and patient identification and displaying a list of patients that are overdue for a scheduled visit as of a current date. Further embodiments illustrated are, the scheduled visit is overdue if delayed more than a predetermined number of days, as defined by a user, relative to a current date and the current information includes updated medication information. Also shown is that the method automatically displays medication interaction messages in response to receiving the updated medication information. Additionally, displaying a list of patients scheduled for a visit on a current date, selecting a particular patient from the list of patients scheduled, and generating a report of at least one of patient, physician, and clinic summary information. The report is customizable as to which fields are to be included therein and at least one of sorting and grouping of the fields included therein. CoagClinic, Figure 1, top of figure, "Search for overdue visits," "Search for flagged Charts," the buttons to print notes and reports. CoagClinic, Figure 3, lower half of screen, allows for medications to be entered and interactions are automatically displayed. Source Code, pages 17-26 and Form 3 (page 16), fields below "SLSMHS Coagulation Clinic", as well as buttons beneath, labeled "Print Data" and "Data to Clipboard", and radio buttons labeled "patient name", "physician", "INR due date", and "Primary Office".

11. Regarding accessing the system via a web site and receiving a selection of preferences to customize configuration of the web site, I state that the Source Code is in Visual Basic and is designed to run on a network and is configurable to the web

site. The disclosure that Source Code is written in Visual Basic supports claims 19 and 35.

12. CoagClinic and Source Code both disclose additional embodiments of the invention. CoagClinic, Figure 1, middle right had side of the form, the box labeled "Return in ____ days" and Source Code, page 27, discloses automatically calculating a scheduled return visit based on whether the new weekly dose medication regimen has changed relative to the current weekly anticoagulation medication dose. These descriptions support claims 20 and 36.
13. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: May 8, 2006

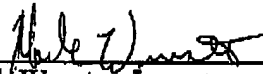
by 
Mark Wurster, Inventor

Figure 1.

CoagClinic [CoagClinic]

File Edit View Insert Format Records Tools Window Help

Search for record: Search for overdue visits: Search for flagged charts:

Sort by Physician: Physician: Wurster

Patient Last Name: Patient First Name: Social Security #: Medical Record #:

Diagnosis: Atrial Fibrillation (427.31) I.N.R. Goal(Range=Goal+or-.5): 2.5 Followup Due: Patient ID#: 36

Office: Medical Education Office Phone: (816)-932-6100 Office Fax: (816)-932-6104

Print Progress Notes Print Report for patient Print Prescriptions Print Warfarin Rx

Visit Date: 11/9/1999 B/P: 140/90 Weight: 176lbs Height: 5'11" Temp: 98.6 Pulse: 68

L.N.R.: 2.7 Calculate Warfarin Dose Protin: 19.8

To see warfarin dosage correction guidelines, enter current I.N.R. result and double-click on the I.N.R. box.

Warfarin Regimen (doses are in milligrams/day)

Sun	Mon	Tues	Wed	Thu	Fri	Sat	Total/Wk
5	5	5	5	5	5	5	35

Return in: 28 days. Visit Due Date:

Progress Notes: Pt pulse was 68 bpm. INR today was 2.7 (goal 2-3) Plan is to continue with warfarin 5mg qd. Patient was instructed

Comments for Patient: Your INR was in the desired range of 2.0-3.0 (2.7) Be sure to eat a consistent diet and to watch for any signs of

Medications: Previous Rx Regimens P.M.H. and Allergies Patient Education LMW Heparin Dosing

Medication	Dose	Frequency	Route	#	Rx
Acetaminophen				0	
Colestipol	3 mg	once a day	by mouth	123	

Other visits for this patient: Flag for followup Health Care Provider: Ryan Miller PharmD candidate Physician: Wurster

Record: 14 of 92

Form View

Figure 2.

CoagClinic - [Worksheet : Form]

File Edit View Insert Format Records Tools Window Help

Current Warfarin Regimen (doses are in milligrams/day)

Sun	Mon	Tues	Wed	Thu	Fri	Sat	Total/Wk	Current I.N.R.:
5	5	5	5	5	5	5	35	2.7

1. Adjust the above values as needed to account for missed doses or other recent events. To obtain a new warfarin dose schedule, click the button labelled "Calculate Regimen".

Total/Wk
34.1223

New Warfarin Regimen (doses are in milligrams/day)

Sun	Mon	Tues	Wed	Thu	Fri	Sat	Store?
1	0	1	0	1	0	1	5

2. Adjust the values in the new warfarin regimen if needed, and click the button labelled "Accept Regimen". The new schedule will be copied to the patient visit record.

Accept Regimen

CoagClinic - [11/9/1993]

File Edit View Insert Format Records Tools Window Help

CoagClinic

Search for record: []

Search for overdue visits: []

Print Progress

Past Medication Regimens

Copy Selection to Chart

When selection has been copied, click the button labeled "Previous Rx Regimens" to return to main chart.

As of: [11/9/1993]

Medication:	Dose:	Frequency:	Route:	#
[]	[]	[]	[]	[0]
Acetaminophen	[]	[]	[]	[0]
[]	[]	[]	[]	[0]
Colestipol	3 mg	once a day	by mouth	123
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]

Medication:	Dose:	Frequency:	Route:	#
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]
[]	[]	[]	[]	[0]

Record: [14] [] [] [] [] of 1

5

5

5

5

5

5

5

35

for Patient: [] sure to eat a consistent diet and to watch for any signs of

Medications:

[Previous Rx Regimens]

P.M.H. and Allergies

Patient Education

LMW Heparin Dosing

Medication:	Dose:	Frequency:	Route:	#	Rx
[]	[]	[]	[]	[0]	[]
Acetaminophen	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]
Colestipol	3 mg	once a day	by mouth	123	[]
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]

Medication:	Dose:	Frequency:	Route:	#	Rx
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]
[]	[]	[]	[]	[0]	[]

Other visits for this patient: [] Flag for followup

Health Care Provider: [Ryan Miller PharmD candidate]

Physician: [Wurster]

Record: [14] [] [] [] [] of 1

Search for other patients below:

Record: [14] [] [] [] [] of 92

Form View

Figure 4.

CoagClinic - [CoagClinic]

File Edit View Insert Format Records Tools Window Help

CoagClinic

Past Medical History: Add new dx: C.H.F. / 428.0

Allergies: Add allergy: mold

Past Medication: As of: 11/17

Medication: Acetaminophen Colestipol

Family History: Add family hx: Cardiomyopathy / 425.4

Social History: Add information: Does not use EtOH

Record: 14 | 5 | 5 | 5 | 5 | 5 | 5 | 35 | for Patient: Inure to eat a consistent diet and to watch for any signs of

Medications: Previous Rx Regimens (P.M.H. and Allergies) Patient Education LMW Heparin Dosing

Medication	Dose	Frequency	Route	#	Rx
Acetaminophen				0	
Colestipol	3 mg	once a day	by mouth	123	

Other visits for this patient: ☐ Flag for followup Health Care Provider: Ryan Miller PharmD candidate Physician: Wurster

Record: 14 | 5 | 5 | 5 | 5 | 5 | 5 | 35 | of 92

Form View

Figure 5.

CoagClinic - [Patient Education : Form]

File Edit View Insert Format Records Tools Window Help

Patient Education Checklist Date of visit: 12/30/1999

For each topic below, check the box after appropriate counseling and information has been given to the patient.

☐ Warfarin medication information ☐ ☐

☐ 1. Warfarin-indications for use. [Warfarin drug summary](#)

☐ 2. Warfarin-mechanism of action. [Patient Education Handout](#)

☐ 3. Warfarin-dose and frequency. [LMW Heparin summary](#)

☐ Warfarin side effects ☐ ☐

☐ 1. Risk of bleeding [LMW Patient Handout](#)

☐ 2. Teratogenicity

☐ Warfarin monitoring ☐ ☐

☐ 1. INR- definition and use.

☐ 2. Therapeutic Ranges

☐ 3. Clinic visits

☐ Warfarin drug interactions ☐ ☐

☐ 1. Reporting medication changes

☐ Warfarin and diet concerns ☐ ☐

☐ 1. Vitamin K effects

☐ Patient Education Materials provided to patient

☐ 1. Coumadin Care booklet

☐ 2. Warfarin medication summary

Health Care Provider: _____

[Close Form](#)

Form View

Figure 6.

CoagClinic - [LMW Heparin Worksheet : Form]

File Edit View Insert Format Records Tools Window Help

Low Molecular Weight Heparin Administration

Patient Last Name: [REDACTED] Date: [11/9/1999 10:36]

Patient First Name: [REDACTED]

Diagnosis for anticoagulation therapy: [Atrial Fibrillation (427.31)] INR Goal: [2.5]

Reason for LMW Heparin Administration: [REDACTED]

Desired intensity of anticoagulation: [REDACTED]

Desired LMW Heparin preparation: [REDACTED]

Anticipated duration of LMW therapy: [REDACTED]

Patient Weight(kg): [80] Anti-Xa level: [REDACTED] Test performed [REDACTED] hours after last heparin dose

Roundoff: [80] Creatinine: [REDACTED] Date done: [REDACTED]

In order to calculate a possible LMW Heparin dose regimen, click button --> [Calculate Regimen](#)

Based on above results, consider the following dose regimen:

Medication:	Dose(in mg)	Frequency:
[REDACTED]	[REDACTED]	[REDACTED]

Place additional comments here.

☒ Patient instructed regarding LMW use and potential side effects.

☒ Patient given instruction on LMW Heparin administration.

☒ Enoxaparin support kit given to patient.

[Print Progress Notes](#) [Print Patient Visit Summary](#) [Online Drug Summary](#)

Health Care Provider: [REDACTED] Supervising physician: [REDACTED]

Record: 14 of 1

Form View

Figure 7

CoagClinic - [Worksheet : Form]

File Edit View Insert Format Tools Window Help

Text17 - Tahoma - 8 - B / U

Detail

Current Warfarin Regimen (doses are in milligrams/day)

Sun	Mon	Tues	Wed	Thu	Fri	Sat	Total/Wk	Current L.N.R.
Unbound	Unbound	Unbound	Unbound	Unbound	Unbound	Unbound	Unbound	Unbound

1. Adjust the above values as needed. (Unbound means not doses at other input events). To obtain a new warfarin dose schedule, click the button labelled "Calculate Regimen".

New Warfarin Regimen (doses are in milligrams/day)

Sun	Mon	Tues	Wed	Thu	Fri	Sat	Total/Wk
Unbound	Unbound	Unbound	Unbound	Unbound	Unbound	Unbound	Unbound

2. Adjust the values in the new warfarin regimen if needed, and click the button labelled "Accept Regimen". The new schedule will be copied to the patient's record.

Calculate Regimen

Accept Regimen

Text Box: Text17

Format | Data | Event | Other | All

Name Text17

Control Source =(Val[Text26])/Val[

Format

Decimal Places Auto

Input Mask

Default Value 0

Validation Rule

Validation Text

Status Bar Text

Enter Key Behavior Default

Allow AutoCorrect Yes

Visible Yes

Disappear When Always

Design View

```
Private Sub Text1_Change()  
Dim mystring As String  
mystring = Text1.Text  
mystring2 = Text2.Text
```

```
If Val(mystring) < 7.5 Then  
vaSpread1.Row = 2  
vaSpread1.Col = 2  
vaSpread1.Row2 = 2  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 10 Then  
vaSpread1.Row = 3  
vaSpread1.Col = 2  
vaSpread1.Row2 = 3  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 12.5 Then  
vaSpread1.Row = 4  
vaSpread1.Col = 2  
vaSpread1.Row2 = 4  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

ElseIf Val(mystring) < 15 Then

vaSpread1.Row = 5
vaSpread1.Col = 2
vaSpread1.Row2 = 5
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 17.5 Then

vaSpread1.Row = 6
vaSpread1.Col = 2
vaSpread1.Row2 = 6
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 20 Then

vaSpread1.Row = 7
vaSpread1.Col = 2
vaSpread1.Row2 = 7
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 22.5 Then

```
vaSpread1.Row = 8
vaSpread1.Col = 2
vaSpread1.Row2 = 8
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 25 Then
vaSpread1.Row = 9
vaSpread1.Col = 2
vaSpread1.Row2 = 9
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 27.5 Then
vaSpread1.Row = 10
vaSpread1.Col = 2
vaSpread1.Row2 = 10
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 30 Then
vaSpread1.Row = 11
vaSpread1.Col = 2
vaSpread1.Row2 = 11
vaSpread1.Col2 = 8
vaSpread1.Action = 2
```



```
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 32.5 Then  
vaSpread1.Row = 12  
vaSpread1.Col = 2  
vaSpread1.Row2 = 12  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 35 Then  
vaSpread1.Row = 13  
vaSpread1.Col = 2  
vaSpread1.Row2 = 13  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 37.5 Then  
vaSpread1.Row = 14  
vaSpread1.Col = 2  
vaSpread1.Row2 = 14  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1
```

```
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 40 Then  
vaSpread1.Row = 15  
vaSpread1.Col = 2  
vaSpread1.Row2 = 15  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 42.5 Then  
vaSpread1.Row = 16  
vaSpread1.Col = 2  
vaSpread1.Row2 = 16  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 2  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 8  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14  
ElseIf Val(mystring) < 45 Then  
vaSpread1.Row = 17  
vaSpread1.Col = 2  
vaSpread1.Row2 = 17  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7
```

```
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 47.5 Then  
vaSpread1.Row = 18  
vaSpread1.Col = 2  
vaSpread1.Row2 = 18  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 50 Then  
vaSpread1.Row = 19  
vaSpread1.Col = 2  
vaSpread1.Row2 = 19  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 52.5 Then  
vaSpread1.Row = 20  
vaSpread1.Col = 2  
vaSpread1.Row2 = 20  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24
```

vaSpread2.Action = 14

ElseIf Val(mystring) < 55 Then

vaSpread1.Row = 21

vaSpread1.Col = 2

vaSpread1.Row2 = 21

vaSpread1.Col2 = 8

vaSpread1.Action = 2

vaSpread1.Action = 22

vaSpread1.Action = 14

vaSpread2.Row = 9

vaSpread2.Col = 1

vaSpread2.Row2 = 9

vaSpread2.Col2 = 7

vaSpread2.Action = 2

vaSpread2.Action = 24

vaSpread2.Action = 14

ElseIf Val(mystring) < 60 Then

vaSpread1.Row = 22

vaSpread1.Col = 2

vaSpread1.Row2 = 22

vaSpread1.Col2 = 8

vaSpread1.Action = 2

vaSpread1.Action = 22

vaSpread1.Action = 14

vaSpread2.Row = 9

vaSpread2.Col = 1

vaSpread2.Row2 = 9

vaSpread2.Col2 = 7

vaSpread2.Action = 2

vaSpread2.Action = 24

vaSpread2.Action = 14

ElseIf Val(mystring) < 65 Then

vaSpread1.Row = 23

vaSpread1.Col = 2

vaSpread1.Row2 = 23

vaSpread1.Col2 = 8

vaSpread1.Action = 2

vaSpread1.Action = 22

vaSpread1.Action = 14

vaSpread2.Row = 9

vaSpread2.Col = 1

vaSpread2.Row2 = 9

vaSpread2.Col2 = 7

vaSpread2.Action = 2

vaSpread2.Action = 24

vaSpread2.Action = 14

ElseIf Val(mystring) < 70 Then

vaSpread1.Row = 24

```
vaSpread1.Col = 2  
vaSpread1.Row2 = 24  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 75 Then  
vaSpread1.Row = 25  
vaSpread1.Col = 2  
vaSpread1.Row2 = 25  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 80 Then  
vaSpread1.Row = 26  
vaSpread1.Col = 2  
vaSpread1.Row2 = 26  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 85 Then  
vaSpread1.Row = 27  
vaSpread1.Col = 2  
vaSpread1.Row2 = 27  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22
```

vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 90 Then

vaSpread1.Row = 28
vaSpread1.Col = 2
vaSpread1.Row2 = 28
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 95 Then

vaSpread1.Row = 29
vaSpread1.Col = 2
vaSpread1.Row2 = 29
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 100 Then

vaSpread1.Row = 30
vaSpread1.Col = 2
vaSpread1.Row2 = 30
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9

```
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 105 Then  
vaSpread1.Row = 31  
vaSpread1.Col = 2  
vaSpread1.Row2 = 31  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 110 Then  
vaSpread1.Row = 32  
vaSpread1.Col = 2  
vaSpread1.Row2 = 32  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 115 Then  
vaSpread1.Row = 33  
vaSpread1.Col = 2  
vaSpread1.Row2 = 33  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 120 Then  
vaSpread1.Row = 34  
vaSpread1.Col = 2  
vaSpread1.Row2 = 34  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 125 Then  
vaSpread1.Row = 35  
vaSpread1.Col = 2  
vaSpread1.Row2 = 35  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 130 Then  
vaSpread1.Row = 36  
vaSpread1.Col = 2  
vaSpread1.Row2 = 36  
vaSpread1.Col2 = 8  
vaSpread1.Action = 2  
vaSpread1.Action = 22  
vaSpread1.Action = 14
```

```
vaSpread2.Row = 9  
vaSpread2.Col = 1  
vaSpread2.Row2 = 9  
vaSpread2.Col2 = 7  
vaSpread2.Action = 2  
vaSpread2.Action = 24  
vaSpread2.Action = 14
```

```
ElseIf Val(mystring) < 135 Then  
vaSpread1.Row = 37  
vaSpread1.Col = 2  
vaSpread1.Row2 = 37  
vaSpread1.Col2 = 8
```



```

vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 140 Then
vaSpread1.Row = 38
vaSpread1.Col = 2
vaSpread1.Row2 = 38
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

ElseIf Val(mystring) < 145 Then
vaSpread1.Row = 39
vaSpread1.Col = 2
vaSpread1.Row2 = 39
vaSpread1.Col2 = 8
vaSpread1.Action = 2
vaSpread1.Action = 22
vaSpread1.Action = 14

vaSpread2.Row = 9
vaSpread2.Col = 1
vaSpread2.Row2 = 9
vaSpread2.Col2 = 7
vaSpread2.Action = 2
vaSpread2.Action = 24
vaSpread2.Action = 14

End If

End Sub

Private Sub Text2_Change()
Dim mystring2
mystring2 = Text2.Text
If Val(mystring2) < 5 Then
Coagclinic1.Text2.Text = ""
Exit Sub

```

End If

If Val(mystring2) < 8 Then

Label4.Visible = True

Coagclinic1.Text11.Text = "Hold coumadin for one day, adjust Rx, notify pt's Dr."

ElseIf Val(mystring2) < 10 Then

Label5.Visible = True

Coagclinic1.Text11.Text = "Hold coumadin for two days, adjust Rx, notify pt's Dr."

ElseIf Val(mystring2) < 100 Then

Label6.Visible = True

Coagclinic1.Text11.Text = "Hold coumadin for two days, adjust Rx, pt's Dr notified."

End If

®___Based on the current INR result, consideration should be given to withholding coumadin for at least two days, and then following the schedule for coumadin use outlined below.□___Based on the current INR result, consideration should be given to withholding coumadin for one day, and then following the schedule for coumadin use outlined below.¥___Based on the current INR result, consideration should be given to withholding coumadin for two days, and then following the schedule for coumadin use outlined below.

Form 1.

The screenshot displays the Microsoft Visual Basic IDE with a project named 'Coagclinicproject'. The main window is the 'Data Adjustment Worksheet' form, which is designed for data entry and calculation. The form includes the following elements:

- Text Instructions:**

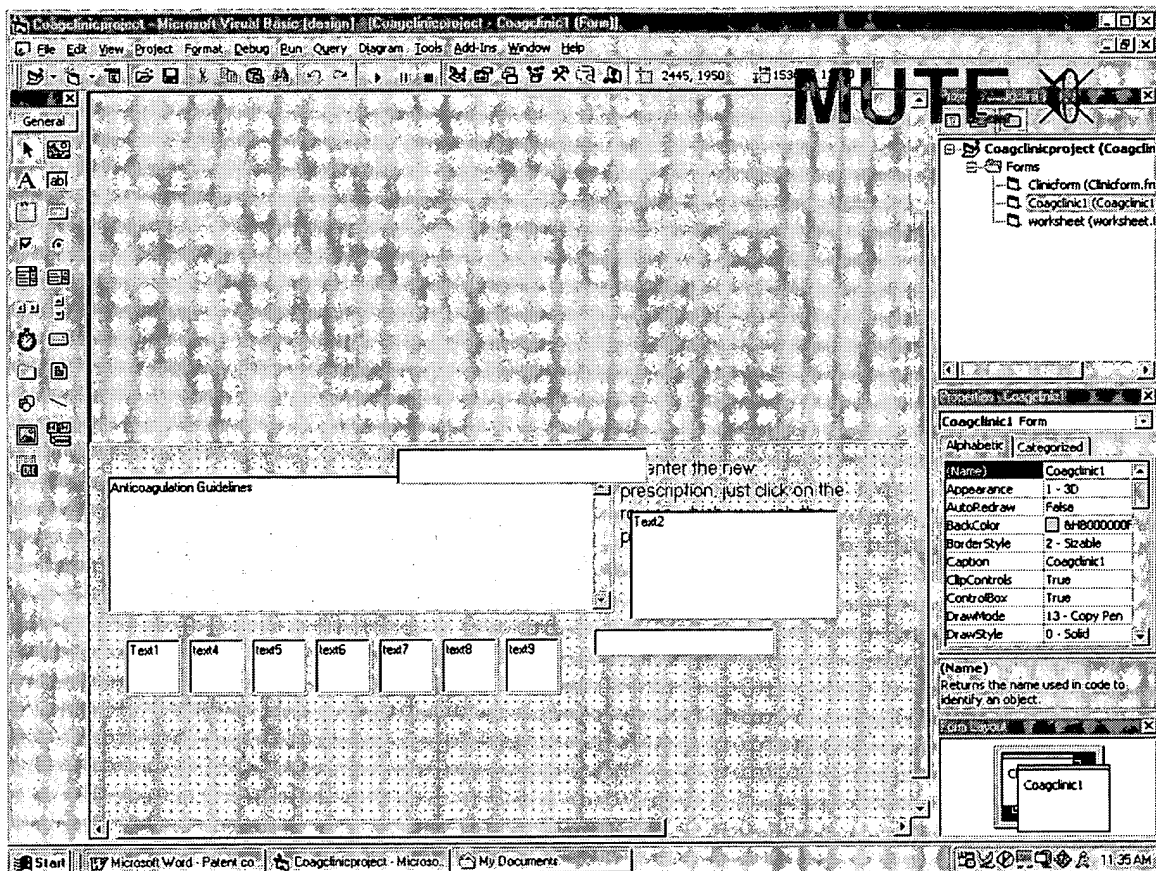
Current INR and dose regimen values are entered-change if needed.

Once settings are as desired, press "calculate doses" button.

If new dose regimen is acceptable, click on "Accept Regimen" button, and new Rx will be entered into form.
- Buttons:**
 - Calculate Doses:** A button to trigger the calculation of doses based on the current INR and dose regimen.
 - Accept Regimen:** A button to accept the new dose regimen and enter it into the form.
- Input Fields:**
 - Total dose:** A text box for entering the total dose.
 - INR value:** A text box for entering the INR value.

The right-hand pane of the IDE shows the 'Properties' window for the 'worksheet' form. The 'Appearance' tab is selected, showing properties such as 'Name' (worksheet), 'Appearance' (1 - 3D), 'AutoRedraw' (False), 'BackColor' (lt-B000000F), 'BorderStyle' (2 - Single), 'Caption' (Dose Adjuster), 'ClipControls' (True), 'ControlBox' (True), 'DrawMode' (13 - Copy Pen), and 'DrawStyle' (0 - Solid).

Form 2.



Form 3.

The screenshot displays the Microsoft Visual Basic design environment for a form titled "SLSMHS Coagulation Clinic". The form is designed with a title bar, menu bar, and toolbar. The main design area contains several controls:

- Title Bar:** "SLSMHS Coagulation Clinic" with "Date" and "Time" labels.
- Chart Area:** A large rectangular area at the top, likely for displaying data charts.
- Buttons:** "Print Data" and "Data to Clipboard" buttons are located on the right side.
- Sort Charts by:** A section with radio buttons for "Patient Name", "Physician", "INR Due Date", and "Primary Office".
- Text Boxes:** "SLSMHS Offices" and "SLSMHS Physicians" text boxes are present.
- Exit Program:** A button at the bottom right.
- Copyright:** "Copyright Mark 1997" is displayed at the bottom right.

The Windows taskbar at the bottom shows the Start button and open applications: "Microsoft Word - Patient co...", "Coagclinicproject - Microso...", and "My Documents". The system clock shows "11:34 AM".

Table 1.

The following message is displayed when any of the meds below is selected as part of the patient's medication regimen:

"This medication (in some cases a medication with similar properties) has been reported to decrease the INR and/or anticoagulation effect in patients taking warfarin. Caution should be exercised when using this medication in combination with warfarin. INR measurement may be required more frequently while the patient is on this medication. Frequent INR monitoring is essential when starting or stopping this medication, or when adjusting the dose of this medication for a patient on warfarin."

Aldactone
Alesse-21
Alesse-28
Alora transdermal system
Alternagel
Amicar
Aminocaproic acid
Aminoglutethimide
Amobarbital
Amphogel
Anadrol
Androderm Transdermal System
Android
Antipyrine
Arginine Vasopressin
Atorvastatin
Azathioprine
Barbiturates
Brevicon-21
Brevicon-28
Butabarbital
Butalbital
Calcium carbonate
Carafate
Carbamazepine
Celestone Soluspan Injectable
Cenestin
Chloral hydrate
Chlordiazepoxide
Chlorthalidone
Cholestyramine
Climara Transdermal System
Combipatch Transdermal
Contraceptives, hormonal-need brand names and generics
Corticosteroids
Corticotropin
Cortisone
Cortone Acetate
Cortone Acetate Injectable
Cyclophosphamide
Cyclosporine
Cytosan
DDAVP
Decadron
Decadron Elixir

Decadron Tablets
Demulen
Depo-Provera
Desmopressin
Desogen
Desyrel
Dicloxacillin
Dilantin
Disopyramide

Estinyl
Estrace
Estrogen
Estrostep Fe
Ethchlorvynol
Ethmoxine
Etretinate
Fulvicin
Glutethimide
Griseofulvin
Haldol
Haloperidol
Hydrocortone
Imuran
Indapamide
Levora
Lo/Ovral
Lozol
Maalox
Mebaral
Megace
Mercaptopurine
Methaqualone
Methimazole
Metolazone
Mircette
Mitotane
Modicon
Moricizine
Mykrox
Mylanta
Mysoline
Nafcillin
Necon
Nembutal
Nordette
Norinyl
Ogen
Orlistat
Ortho-cept
Ortho-Cyclen
Ortho-Est
Ortho-Novum
Ortho-Tricyclin
Ovcon
Ovral

Oxandrin
 Paraldehyde
 Pediapred
 Pentobarbital
 Phenobarbital
 Phenytoin
 Prednisone
 Prelone
 Premarin
 Premphase
 Prempro

 Primidone
 Progesterone
 Propylthiouracil
 Provera
 PTU
 Ranitidine
 Rifampin
 Riopan
 Secobarbital
 Solu-Medrol

 Spironolactone
 Sucralfate
 Tegretol
 Testoderm
 Testred
 Trazodone
 Tri-Norinyl
 Triphasil
 Trivora
 Tums
 Vitamin C
 Vitamin K
 Vivelle Transdermal System
 Vivelle-Dot Transdermal System
 Winstrol
 Xenical
 Zaroxolyn
 Zovia

Table 2.

The following message is displayed when any of the meds below is selected as part of the patient's medication regimen:

"This medication (in some cases a medication with similar properties) has been reported to increase the INR and/or anticoagulation effect in patients taking warfarin. Caution should be exercised when using this medication in combination with warfarin. INR measurement may be required more frequently while the patient is on this medication. Frequent INR monitoring is essential when starting or stopping this medication, or when adjusting the dose of this medication for a patient on warfarin."

Abbokinase
Abciximab
Accolate
Acetaminophen
Achromycin
Alcohol
Aldomet
Allopurinol
Alteplase
Amikacin
Aminoglycosides
Aminosalicylic Acid
Amiodarone
Amitryptiline
Anaprox
Ancef
Androderm
Androgel
Ansaid
Ardeparin
Aristocort
Armour thyroid
Arthrotec
Ascorbic acid
Ascriptin
Aspirin
Azulfidine
Bactrim
Biaxin
Bufferin
Cataflam
Ceclor
Cedax
Cefamandole
Cefazolin
Cefizox
Cefobid
Cefoperazone
Cefotetan
Cefoxitin
Ceftin
Ceftriaxone
Cefzil
Celebrex
Celecoxib
Ceptaz
Chenodiol

Chloral hydrate

Chloramphenicol
Chloromycetin
Chlorpropamide
Cholestyramine
Choline Magnesium Trisalicylate

Cilostazol
Cimetidine
Cipro
Ciprofloxacin
Cisapride
Claforan
Clinoril
Clofibrate
Clopidogrel
Clozapine
Clozaril
Cordarone
Cortef
Cortisone
Cortone
Cotrim
Cytomel
Danaparoid
Danazol
Danocrine
Danshen
Daypro
Decadron
Declomycin
Deltasone
Depakene
Depo-testosterone
Dexamethasone
Dextran
Dextrothyroxine
Diazoxide
Diclofenac
Dicumarol
Diflusal
Digoxin immune Fab
Dilantin
Dipyradamole
Disalcid
Disopyramide
Disulfiram
Dolobid
Doryx
Doxycycline
Duricef
Dynabac
Dynacin
E.E.S.
Ecotrin
Edecrine
Elavil
E-Mycin
Enoxaparin
Epoprostenol
Eryc
EryPed
Ery-Tab

Erythrocin
Erythromycin
Ethacrynic acid
Ethmazine
Etodolac
Etoposide
Etrafon
Excedrin
Feldene
Fenofibrate
Fenoprofen
Flagyl
Flolan
Florinef
Floxin
Fluconazole
Fludrocortisone
Fluoroquinolones
Fluorouracil
Fluoxetine
Fluoxymesterone
Flurbiprofen
Flutamide
Fluvastatin
Fluvoxamine
Fortaz
Fragmin
Gantanol
Gantrisin
Garamycin
Gemfibrozil
Gentamicin
Glucagon
Glyburide
Halprin
Halotestin
Halothane
Heparin
Hydrocortisone
Hyperstat
Ibuprofen
Ifosfamide
Ilosone
Inderal
Indomethacin
Influenza vaccine
Inhalation anesthetics
Interferon
Isoniazid
Kabikinase
Keflex
Keftab
Kefzol
Ketoconazole
Ketoprofen
Lescol

Levamisole
Levaquin
Levofloxacin
Levothroid
Levothyroxine
Levoxyl
Limbitrol
Liothyronine
Liotrix
Lodine
Lomefloxacin
Lopid
Lortab
Lovastatin
Lovenox
L-thyroxine
Luvox
Mandol
Maxipime
Meclofenamate
Meclomen
Medrol
Mefenamic acid
Meloxicam
Methimazole
Methyldopa
Methylphenidate
Methylprednisolone
Methylsalicylate ointment
Metronidazole
Mevacor
Miconazole
Minocin
Minocycline
Mobic
Monistat
Monodox
Moricizine
Moxaquin
Nabumetone
Nalidixic acid
Naprosyn
Naproxen
Nebcin
Neggram
Neomycin
Netromycin
Nolvadex
Norfloxacin
Normiflo
Noroxin
Norpace
Norpramin
Ofloxacin
Oral hypoglycemics
Orgaran

Orinase
Orlistat
Orudis
Oxaprozin
Oxymetholone
Paroxetine
Paxil
PCE
Pediazole
Penicillin G
Pentoxiphylline
Periostat
Persantine
Phenylbutazone
Phenytoin
Piperacillin
Piperacillin/Tazobactam
Pipracil
Piroxicam
Plavix
Pletal
Ponstel
Prednisolone
Prednisone
Propafenone
Propanolol
Propoxyphene
Prozac
Quinaglute
Quinidex
Quinidine
Quinine
Ranitidine
Relafen
Reopro
Rifater
Ritalin
Rocephin
Rythmol
Salflex
Salsalate
Septra
Septra DS
Sertraline
Simvastatin
Sinequan
Solucortef
Solu-medrol
Stanozolol
Sterapred
Streptase
Streptokinase
Streptomycin
Sulfadiazine
Sulfamethizole
Sulfamethoxazole

Sulfamethoxazole/Trimethoprim
Sulfasalazine
Sulfinpyrazone
Sulfizoxazole
Sulindac
Suprax
Surmontil
Synthroid
Tamoxifen
Tao capsules
Tapazole
Tazicef
Terramycin
Testosterone cypionate
Testosterone topical
Testosterone Transdermal
Tetracycline
Thyroid desiccated
Thyroid hormone
Thyrolar
Ticar
Ticarcillin
Ticlid
Ticlopidine
Tissue plasminogen activator
Tolbutamide
Tolectin
Tolmetin
Toradol
t-PA
Tramadol
Triamcinolone
Triavil
Tricor
Trilisate
Triostat
Trovan
Tylenol
Ultram
Urokinase
Valproate
Valproic Acid
Vantin
Vectrin
Vibramycin
Vibra-Tabs
Vioxx
Vitamin C
Vitamin E
Vivactil
Voltaren
Xenical
Zafirlukast
Zagam
Zantac
Zileuton

Zinacef
Zithromax
Zocor
Zoloft
Zosyn
Zyflo
Zyloprim

```

If Val(mystring) < 0.1 Then
Text3.Text = "Anticoagulation Guidelines"
ElseIf Val(mystring) < 2.5 Then Text3.Text = "Possibly subtherapeutic dose. Consider repeating test and/or
adjusting dose."
'Case 2 To 4

ElseIf Val(mystring) < 4 Then Text3.Text = "Therapeutic dose"
ElseIf Val(mystring) < 6 Then Text3.Text = "Always consider repeating the test. Consider: omit next 1-3
doses of warfarin or coumadin, then resume warfarin or coumadin at a lower dose"

ElseIf Val(mystring) < 10 Then Text3.Text = "Always consider repeating the test. Consider: omit the next
few doses of warfarin or coumadin, and consider vitamin K 1-2 mg subcutaneously (NOT IV). If INR
remains too high after 24 hours, an additional 0.5mg of vitamin K can be given"

ElseIf Val(mystring) < 100 Then Text3.Text = "Always consider repeating the test. Consider: omit the
next 1-3 doses of warfarin or coumadin, and consider vitamin K, 3 mg subcutaneously (NOT IV). Recheck
INR in 6 hours and repeat Vitamin K if necessary."
'Case 21 To 100
'Else: Text3.Text = ""
'Text3.Visible = True
'Text3.Text = "Always consider repeating the test. If patient bleeding, consider Vitamin K 10 mg
subcutaneously and supplement with FFP or prothrombin complex concentrate depending on urgency of
situation. Check INR every 6 hrs. May repeat Vit K every 12 hrs."
'End If

'End Select
End If

```


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